

The Arts & Sciences Senate meets on Monday, April 18 at 3:30 PM in the Javits Room of the Library.

Tentative Agenda
Arts & Sciences Senate
April 21, 2005

- I. Approval of tentative agenda
- II. Approval of minutes from March 28, 2005
- III. Report of the President
- IV. Report from Marine Sciences (M. Scranton)
- V. Update from the Curriculum Committee: College 102 (J. Lochhead)
- VI. Annual Report of the Promotions and Tenure Committee (G. Sprouse)
- VIa. Report on the experiences of the non-tenured members of the PTC
- VII. Third Reading of a proposed constitutional amendment *
- VIII. Election of Senate Officers for 2005/2006
- IX. Other Old Business
- X. New Business

* In anticipation of the passage of the amendment, please be prepared to make nominations or self-nominations for the position of at-large faculty representative to the executive committee.

Proposed Constitutional Amendment

E.1(3) the elected chairs of each Arts and Sciences Senate Standing Committee, or their delegates, are ex-officio members of the executive committee, with full voting privileges.

E.1(4) one at-large faculty member of the Arts and Sciences Senate, elected as specified in the By-Laws

E.1(4) renamed E.1(5)

E.1(5) renamed E.1(6)

E.1(7) one undergraduate student, selected through the usual procedures for this purpose by the respective student government.

E.1(7) renamed E.1(8)

Article F will be renamed Article G.

Article F: The Coordinating Council

The function of the Coordinating Council is to facilitate the sharing of information and the coordination of activities among the standing committees of the Arts and Sciences Senate. The Coordinating Council shall consist of the members of the Executive Committee and the Chairperson or other representative of each standing committee. In the event a committee is represented by someone other than the chairperson, the designee will be chosen by the committee from among its members. The President of the Arts and Sciences Senate shall chair the Coordinating Council. The Coordinating Council shall meet at least once per academic semester.

Proposed Change in the By-Laws

Article 4. Insert the following line:

The at-large faculty representative to the Executive Committee will be elected by vote of the faculty members of the Arts and Sciences Senate, from among the current faculty membership.

Approved by the Arts and Sciences Senate Executive Committee, 7 February 2005
Submitted to the Arts & Sciences Senate for a first reading, 21 February 2005
Submitted to the Arts & Sciences Senate for a second reading, 28 March 2005
Submitted to the Arts & Sciences Senate for a third reading, 18 April 2005

Minutes of the College of Arts and Sciences Senate
March 28, 2005

The meeting was called to order at 3:25 pm by President Fred Walter in the Javits Conference Room.

I. Approval of Agenda and Minutes of the February 21, 2005

The agenda was unanimously approved.

The minutes of the February 21, 2005 meeting were unanimously approved and seconded.

II. President's Report (Fred Walter)

Fred Walter reported on the state of the CAS Senate. Georges Fouron has agreed to run for vice-president. There is no candidate for president and no current vice-president, so Walter has proposed the following arrangement: he will stay on as president for another three months, after which time Fouron will take over as president and remain in office for 18 months. Walter will serve on the executive committee as past-president for 18 months as well. Joan Kuchner will extend her service as past-president for another three months during this transition.

Walter reported on the upcoming elections for Standing Committees and Senators. There are vacancies for the following sectors of CAS for the following committees:

--1 Humanities and Fine Arts position for Academic Judiciary Committee (AJC)

--1 Social and Behavioral Sciences position for Committee on Academic Standing and Appeals (CASA)

--6 openings in the Faculty Rights and Responsibilities Committee (FRRPC)

--1 non-tenured 1 year position in Promotion and Tenure Committee (PTC)

--6 at-large senator positions from HFA

--1 at-large senator position from SBS and 1 from Natural Sciences

Walter requested volunteers to help with a proposed seminar to introduce first and second year faculty to the university community.

III. New Business (Fred Walter)

Fred Walter suggested that a discussion be opened on the lack of spousal hiring policies in CAS, an issue that was mentioned in the self-study of the Ecology and Evolution departmental external review (brought up by Charles Jansen). This was introduced as a new business item. Joan Kuchner suggested that it be brought before FRRP.

Walter announced that a meet-the-senate social event would take place at the University Café some Thursday in April after 5 PM. Likely dates are the 14th and the 21st.

IV. Report of the Dean of CAS (James Staros)

Dean James Staros reported on the state of faculty searches in CAS during the last fiscal year. 25 searches were initiated for 25 FTE positions. Of those, 22 have culminated and offers have been made. 1 search was cancelled, and 2 are outstanding. 11 of the offers have been accepted. Dean Staros lauded the quality of the new faculty as outstanding. He expects acceptances to reach the mid-teens.

The Dean stated that the college is looking at another flat budget. Income raising efforts have increased, and the faculty has raised support for CAS by 20%, and the college is bringing in greater tuition, but fund raising efforts have yet to bear fruit in revenue, and the college has not yet seen an increase in direct funds. The university is bearing a 10-12 million dollar deficit because of high utility costs this winter. New master's degree programs and out-of-state tuition increases offer hope of increased revenue. Several combined BA/MA and BA/MAT programs are ready for state approval for the next incoming class to begin. Dean Staros cited SUNY Buffalo's success with these types of programs for increasing fiscal success.

Joan Kuchner mentioned that although the President's website had reported an increase of 8% in faculty, this was at odds with reports given to the Senate. The Dean stated that this was not an overall increase in tenure-track positions, but included adjunct faculty, which has seen a 50% increase in budget during President Kenny's administration. There has been a substantial increase also in non-tenure track full-time faculty.

Joan Kuchner took this opportunity to ask the Dean about the progress of career tracks for non-tenure track lecturers (senior lecturer positions). He replied that it was "stuck" due to the fact that the personnel working on the issue were currently employed with budgetary matters.

V. Update from the Curriculum Committee (Tony Philips for Judith Lochhead)

Tony Philips reported that last year, 172 courses had been sent to SUNY Central in Albany for approval as required courses for undergraduates, and none of these have yet been approved. The majority of these are History courses. Joan Kuchner asked what will happen to graduating students if the History requirement is not resolved. Dean Staros answered that the courses once approved will be accepted de facto for the students who took them, and that although no official word has been put forth, the acceptances are forthcoming.

Philips reported that the curriculum committee was in charge of approval USB 102 courses for undergraduate seminars. These are 1-credit courses currently on an A-C & U grading scale. The curriculum committee desires that guidelines be set for these courses regarding such matters as attendance, graded participation, graded work characterization and parameters, amount of outside work required, etc. The committee has suggested that an oversight committee be formed to create guidelines for the courses. The situation is a new one because this is an interdepartmental effort for credited courses and there is no governing department to set guidelines. The Undergraduate Colleges are not academic units per se.

Frank Myers raised doubts about the institutional viability of an academic program that is founded on volunteer instruction. Fred Walter raised the point that this does not need to be an academic course, that it was originally conceived as an informal learning opportunity for students and a chance for faculty to explore topics they were passionate about. He suggested that the courses S/U grading. Frank Myers said that he is teaching a course this semester, and suggested that S/U is more appropriate. Walter said that he would like to see these courses not be limited to freshmen. Grady Gerbacht suggested that these courses could serve faculty as laboratory courses that could be developed into departmental courses.

Joan Kuchner suggested that S/U grading be set forth as a proposal from the Senate. It was suggested that the oversight committee be comprised of the 6 undergraduate college directors and 3 faculty members outside the colleges. He suggested also that each college should have its own oversight committee. Frank Myers reported that he has recently been asked to serve on one such committee. Frank Gardaphe asked where we can send the guidelines so the directors get them; Tony Philips reported that the current guidelines suggestions (see attached report) were informally given to Mark Aronoff, the deputy provost.

Philips asked if the Senate could endorse the guidelines provided and recommend S/U grading for the USB 102 courses.

Phillip Allen said that he is currently teaching a section and prefers A-C grading. He suggested that S/U grading be mandated for one semester only and then reviewed.

Fred Walter suggested that the curriculum committee should take this issue back to the committee and revise the guidelines to recommended either ABC or S/U grading, then bring them back to the Senate for a judgment.

Tony Philips asked if it was possible to offer faculty course releases for teaching 3 of them. Walter stated that this would have to be decided by the University Senate.

Fred Walter proposed that the Senate approve items A-H of the curriculum committee's proposed guidelines for USB 102 and add item I, a recommendation for S/U grading. The vote was 16 for and 2 against. The proposal was approved.

A proposal was made to approve the recommended USB 102 guidelines. This proposal was unanimously approved.

VI. Second Reading of the Proposed Constitutional Amendment on the Makeup of the Executive Committee (Fred Walter)

Fred Walter gave the second reading of the proposed constitutional amendment, item E1-3, which would add 1 at-large faculty member to the executive board (with full voting privileges), reduce undergraduate representation from 2 to 1, and no longer require chairs of standing committees to attend executive board meetings.

VII. Old Business (Fred Walter)

Seminar for New Faculty: Fred Walter put out a "plea" for volunteers to help organize a seminar for new faculty. It was confirmed that this is the "Sunwood event" mentioned earlier in the meeting, as Walter had suggested it would be a good idea to obtain the Sunwood manor for the event.

Faculty hired during the last 2-3 years would meet to discuss their research and meet faculty from other departments.

Fred Gardaphe said such an event took place every year at his previous university, in which new faculty and those who had been on sabbatical the previous semester presented their research, and it had been well-received.

Grady Gerbacht reported that the Provost was organizing an event this April for recent hires in Humanities to meet each other and share research. Walter asked if this could be broadened to include more faculty members and if Grady could send him more information about the event. Dean Staros reported that Joe Auner, the new associate provost, had initiated the event. Frank Myers and Grady Gerbacht volunteered to help organize the event.

PTC business: Dean Staros raised a question about the position of junior faculty on the Promotion and Tenure Committee (PTC). He asked the Senate to consider if this were a good use of junior faculty's time and talents, as they could be doing research instead. Fred Gardaphe replied that when he was on the committee, in every instance, the junior faculty members were a great asset to the committee. He suggested that junior faculty were in a precarious position on the committee as they were non-tenured. Gardaphe suggested that the last 4-5 junior faculty on the committee be surveyed to get their opinions on the issue. Charles Jansen suggested that these faculty members represent a valuable point of view that should be preserved. Fred Walter asked if junior members could serve shorter terms since the work load is intensive. Joan Kuchner asked if this split term could adversely affect the culture of the group.

VIII. New Business (Fred Walter)

Fred Walter opened discussion on the issue of policies for spousal hiring in the CAS. The issue had been raised during the recent external review of the Ecology and Evolution Department. Charles Jansen suggested that the university fund a pool of short-term lectureships for spouses of desirable candidates for tenure-track positions in the college. Robert Kerber suggested that this was a university issue, not a CAS issue. Jansen agreed to compile a report on how other universities are handling this issue.

Tony Philips asked for a rewording of the curriculum committee's guidelines for USB 102 to read: Arts & Sciences Senate recommends S/U grading for the USB 102 seminar. It was agreed upon, and he will type it up and send a copy to Fred Walter, who will forward it to deputy provost Mark Aronoff.

The meeting was adjourned at 4:55 PM.

Minutes submitted by Cynthia Davidson, CAS Senate Secretary

Marine Vertebrate Biology

Marine Sciences Research Center

Dean and Director: David O. Conover

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(A complete list of faculty including all adjunct faculty can be found on the MSRC web site at http://www.msrc.sunysb.edu/people/people_1.htm)

The Marine Vertebrate Biology major provides students with a solid background in basic biology with an emphasis on marine vertebrate organisms such as fish, sharks, birds, turtles and marine mammals. It provides a more intensive zoology background than the Marine Sciences degree.

Students are encouraged to participate in research and internships. Opportunities for experiential learning are available through field and laboratory courses taught at or near the Stony Brook campus and from a field station near the ocean in Southampton New York.

Most students who wish to have a career in research related to the marine environment will need to plan for graduate study. Career possibilities include research, education, or work in government agencies or non-profit organizations.

The Marine Vertebrate Biology major is administered by the Marine Sciences Research Center, one of the leading oceanographic institutions in the nation. An Environmental Studies Living Learning Center is available, housed in Hendrix College, which is a part of the Science and Society College. The Living Learning Center offers special programs, such as a seminar series showcasing faculty research and selected courses in the major and minor.

All students should consult with the director of undergraduate students to design and approve an acceptable course of study before declaring the major.

Requirements for the Major in Marine Vertebrate Biology (MVB)

The major in Marine Vertebrate Biology leads to a Bachelor of Sciences degree. Completion of the major requires between 67-72 credits. Of these no more than one course (4 credits) with a grade lower than C can be credited to the major.

1. Foundation Courses (42-45 credits)

- BIO 150 The Living World
- BIO 201 Organisms to Ecosystems
- BIO 202 Molecular and Cellular Biology
- BIO 203 Cellular and Organ Physiology
- CHE 131/133, 132/134 General Chemistry and Lab (see Note 1)
- CHE 321 Organic Chemistry
- MAT 125, 126 Calculus (See Note 2)

- ENS/PHY 119 Physics for Environmental Studies and MAR 350 Introduction to Ocean Physics
or PHY 121/123, 122/124 Physics for Life Sciences and labs (see Note 3)
 - AMS 102 or AMS 110 Statistics
2. Zoology and Marine Vertebrate Core (13 credits)
- BIO 344 Chordate Zoology
 - BIO 354 Evolution or BIO 320 Genetics
 - Two of the following:
MAR 370 Marine Mammals
MAR 371 Marine Birds and Turtles
MAR 380 Ichthyology
3. Marine Biology (12-14)
- MAR 349 Biological Oceanography or BIO 353 Marine Ecology
 - Three electives from below:
BIO 328 Mammalian Physiology
BIO 343 Invertebrate Zoology
BIO 351 Ecology
BIO 359 Behavioral Ecology
MAR 301 Environmental Microbiology or MAR 302 Marine Microbiology
MAR 303 Long Island Marine Habitats
MAR 305 Experimental Marine Biology
MAR 315 Conservation Biology
MAR 366 Plankton Ecology
MAR 385 Fisheries Biology
MAR 487 Research OR MAR 488 Internship (maximum of three credits can be used for required elective)
4. Upper-Division Writing Requirement
All students in the major must submit two papers from any upper division course in the major to the director of undergraduate programs for evaluation by the end of the junior year.

Notes:

1. CHE 141/143, 142/144 Honors Chemistry and Lab may be substituted for CHE 131/133, 132/134
2. MAT 131, 132 or MAT 141, 142 may be substituted for MAT 125, 126
3. PHY 125, 126, 127 or PHYS 131/133, 132/134 or PHYS 141, 142 may be substituted for the two semester physics sequences listed above

Sample Course Sequence for Marine Vertebrate Biology

Freshman Year

Fall	credits	Spring	credits
D.E.C. A	3	D.E.C. A	3
CHE 131	4	CHE 132	4
CHE 133	1	CHE 134	1
MAT 125	3	BIO 150	3
DEC	3	MAT 126	3
USB 101	1	USB 102	1
Total	15	Total	15

Sophomore Year

Fall	credits	Spring	credits
BIO 201	4	BIO 202	4
AMS 110	3	BIO 344	4
CHE 321	3	DEC	3
DEC	3	DEC	3
DEC	3		
Total	16	Total	14

Junior Year

Fall	credits	Spring	credits
MAR 349	4	BIO 203	4
ENS/PHY 119	3	BIO 354	3
MAR Biology Elective	3	MAR 350	2
DEC	3	Elective	3
Upper Division DEC	3	Upper Division DEC	3
Total	16	Total	15

Senior Year

Fall	credits	Spring	credits
MAR Vertebrate Core Elective	3	MAR Vertebrate Core Elective	3
MAR Biology Elective	3	MAR Biology Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Upper Division DEC	3	Upper Division DEC	3
Total	15	Total	15



Our new Marine Sciences major is highly interdisciplinary, requiring an understanding and application of basic science, including biology, physics, and chemistry. In particular, the Marine Sciences major will provide students with a solid background in basic biology as well as in the physics and chemistry of the ocean. Upper-division electives will permit each student to gain a deeper understanding of particular groups of organisms (microorganisms, algae, marine invertebrates, fish, and marine mammals) and of habitats (salt marshes, rocky intertidal, barrier islands, dunes, estuaries, and the open ocean).

Our new Marine Vertebrate Biology major will provide students with a solid background in basic biology with an emphasis on marine vertebrate organisms such as fish, sharks, birds, turtles and marine mammals. It will provide a more intensive zoology background than the Marine Sciences degree.

MSRC students will be encouraged to participate in research and internships. Opportunities for experiential learning are available through field and laboratory courses taught at or near the Stony Brook campus and from a field station near the Atlantic Ocean in Southampton, New York.

An Environmental Studies Living Learning Center option is available, housed in Hendrix College, the same residential quad which houses the Science and Society Undergraduate College. The Living Learning Center offers special programs, such as a seminar series showcasing faculty research and selected courses in the major and minor.

Students, in completing their applications for admission, should indicate curriculum code 0255 for the Marine Sciences major and curriculum code 1790 for the Marine Vertebrate Biology major.



The Marine Sciences Research Center at Stony Brook University is a world-renowned center for research, education, and public service in the marine and atmospheric sciences. The only such center in the 64-campus State University of New York (SUNY) system, its mission is to increase understanding of the oceans and atmosphere and how the two interact, and to apply that knowledge to resolving societal and environmental issues.

Located on Stony Brook University's South Campus, MSRC functions much like a small college embedded within a major university. MSRC is a group of about 45 interdisciplinary faculty covering a broad range of areas including biological, physical, chemical and geological oceanography, fisheries science, atmospheric science, meteorology, and climate science.

About 200 students from 16 different nations currently work and study at the MSRC, and our Ph.D. program in coastal oceanography has been ranked in the top 10 nationwide by the National Research Council.

In addition to the two new majors in Marine Sciences and Marine Vertebrate Biology, undergraduate programs also include majors in Atmospheric & Oceanic Sciences and Environmental Studies and a minor in Marine Sciences.

