



INTERNATIONAL PSYCHOLOGY BULLETIN

Volume 12 No. 2 Spring 2008



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A Publication of the Division of International Psychology [Division 52 of the American Psychological Association]
<http://www.internationalpsychology.net>

Undergraduate Psychology Programs in Argentina: Bibliometrical Analysis of Texts Listed in the Syllabi of 14 Advanced Courses at the National University of San Luis

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Undergraduate programs in Psychology in Argentina are characterized by a predominance of a psychoanalytic approach in most courses along the whole program, which lasts at least five years. There is only one university in Argentina in which students have to choose between a psychoanalytic or a cognitive education and training for the last two years of this program, involving different advanced courses. In this paper we present findings based on a study of contents and bibliographical references included in the syllabus of each of the specific advanced courses of psychoanalytic and cognitive approach. The analyses are based on both qualitative and quantitative methods.

Studies related to undergraduate education in Psychology have increased in the last years, not only in the United States (Belar, Nelson & Wasik, 2003; Benjamin, 2001; Brewer, 2006; Perlman & McCann, 2005) and European Union (Buela-Casal, Gutiérrez-Martínez & Peiró, 2005; Lunt, 2002; Peiró & Lunt, 2002; Wilpert, 2002) but also in Latin America (Sierra & Bermúdez, 2005; Vilanova, 1993) and from an international point of view in the whole world (Karandashev & McCarthy, 2006).

In Argentina, the first degree in the field of psychology is not a bachelor in science or arts, with majors or minors, but a specific degree named "psychologist" or, in Spanish, "*licenciado en psicología*". Probably, it has more resemblance with a Master's degree because of the time it takes to complete the degree (between 5-6 years). While only a bachelor's degree, the degree does qualify a person for professional practice, including psychotherapy (Klappenbach, 2004).

In Argentina there are only eight undergraduate programs in psychology at national universities (Klappenbach, 2004). One of them, for example, requires 33 16-week courses, the same for all the students. Besides these, there are two groups of seven courses and a student would need to decide which group to take based on his or her preference for the psychoanalytical or the cognitive theoretical approaches. This university offers the only undergraduate program in psychology in Argentina that provides this option. In the other Argentine universities, there is a predominance of a

psychoanalytical approach only (Klappenbach, 2006; Plotkin, 2003; Vilanova, 1993).

The psychology courses in Argentine tend not to use a single textbook or handbook, but use selected paragraphs or chapters of textbooks, among other texts. Each course has 90 hours of class meetings, and students have to take 4 or 5 courses simultaneously.

The goal of this research study is to examine the reading assignments in psychology courses at the university where the students are given the option to choose either the psychodynamic or the cognitive theoretical approach as their focus of study. More specifically, the study evaluates psychology education and compares the number of pages of the required reading assignments and the other recommended readings in these 2 groups of courses to the student's choice towards each theoretical orientation.

Method

We analyzed the syllabi that belonged to the seven courses in the psychodynamic theoretical approach and the seven courses that belonged to the cognitive theoretical approach. Each syllabus was retrieved from the University's website. From each syllabus we proceeded to classify the required reading assignments and the other recommended reading assignments and the other recommended readings in different categories: books, chapters of books, journal articles, complete issues of a journal, selected pages, other

nonpublished texts supplied by the instructor.

Considering that the texts listed in the syllabi of psychology courses in Argentina are usually classified in two great categories, required reading assignments (*bibliografía obligatoria*) and other recommended readings (*bibliografía complementaria*), our study takes into account these categories as well.

After the classification of these readings, we then proceeded to establish the quantitative analysis of the exact number of texts for each category. In the second stage of the study, we established the exact number of pages of each text. To estimate the amount of pages for each text, we searched for them in the Central Library of the University, the National Library of Argentina, and other sources, including bookstores and other libraries. Although the size and amount of content of each page may not be the same for every resource, considering the aim of this study we do not consider this possibility as a limitation.

Results and Discussion

The aim of this research was to find the relation between the amount of pages of both the required reading assignments (*bibliografía obligatoria*) and the other recommended readings (*bibliografía complementaria*), and the theoretical orientation chosen by the student.

Table 1: Amount of texts found and missing, for each theoretical approach

	<i>Texts found</i>	<i>Texts missing</i>
<i>Psychoanalytic approach</i>	455	231
<i>Cognitive approach</i>	269	12

Our study revealed, first of all, that the classification system of readings in these syllabi, as well as in other psychology programs in Argentina, is strongly different from the classification systems in undergraduate programs in other parts of the world.

It is also interesting to note that some texts could not be found using the previously mentioned search procedure because they were not referenced in the syllabus following the *Publication Manual's* list of references style (American Psychological Association, 2001) or the references were not clear enough to allow a search or in a few cases the publishers themselves were unknown.

For the psychoanalytic approach, near one third of the total of texts listed in the syllabi was not found, whereas for the cognitive approach this amount was less than 5% (see Table 1). Based on this finding, it could be concluded that one out of three texts in psychoanalytical education in this undergraduate program is not readily available for the public. It is interesting to compare these results with the classical state of Ziman (1976) that scientific communication is at the heart of scientific method, that is, scientific knowledge is always published knowledge.

Well known standard recommendations state that for one hour of class meeting, students are required to take another two hours of reading and studying (Clump, Bauer & Bradley, 2004). The class meetings of the seven courses for each theoretical approach add up to 630 hours (each course has 90 hours of class meetings, along one 16-week semester). Thus, it is possible to estimate that the required hours of reading are 1260.

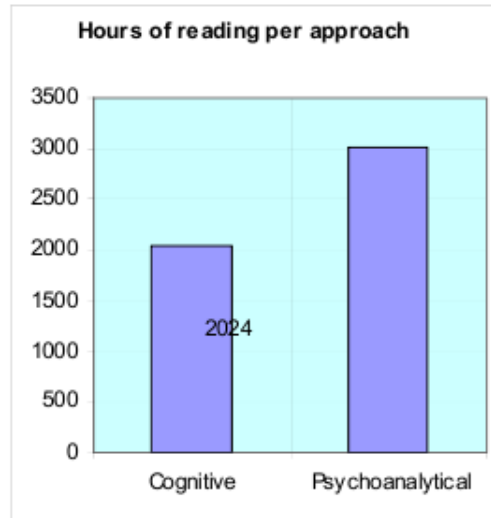
Although many studies pointed out that individual differences affect reading and processing speed (Ehri & Wilce, 1983; Eldrege, 2005; McCrudden, Schraw & Hartley, 2006; Sappington, Kinsey & Munsayac, 2002), but for general skilled readers as college students are supposed to be, it is estimated that the average reading speed is around 260 words per minute. Taking into account the different sizes of print in the analyzed texts, we found that the amount of words per page of text is usually between 300-600 words, that is an average of 450 words per page. Considering that these data would mean that the student takes an average of 1 minute and 43 seconds to read each page, that would be 34.9 pages read per hour.

With these findings in mind, according to the amount of pages of the texts listed in the syllabus of each approach (see Table 2), students would have to read for 2054 hours in the cognitive approach and 3027 hours in the psychoanalytical one (see Table 3), instead of the 1260 hours that the educational standards recommend.

Table 2: Required and recommended reading pages, for each theoretical approach

	<i>Required reading pages</i>	<i>Recommended reading pages</i>	<i>Total reading pages</i>
<i>Psychoanalytic approach</i>	71749	34068	105817
<i>Cognitive approach</i>	36039	35783	71822

Table 3: Amount of hours of required reading, for each theoretical approach



Taking into account the two types of readings, it could be concluded that the cognitive approach has the same amount of pages for required readings and recommended texts, and the psychoanalytic approach considers a 68% of their total amount of pages as required readings. These results might deserve further research.

References

American Psychological Association (2001). *Publication Manual of the American Psychological Association* (5th. Ed). Washington D.C.: Author.

Belar, C. D., Nelson, P. D, & Wasik, B. H. (2003). Rethinking Education in Psychology and Psychology in Education: The Inaugural Education Leadership Conference. *American Psychologist*, 58 (8), 678-683.

Benjamin, L. (2001). American psychology's struggles with its curriculum: Should a thousand flowers bloom? *American Psychologist*, 56 (9), 735-742

Brewer, C. (2006). Undergraduate education in psychology: United States. *International Journal of Psychology*, 41(1), 65-71.

Buela-Casal, G., Gutiérrez-Martínez, O., & Peiró, J. M. (2005). Hacia el título europeo de psicología [Towards European Degree in Psychology]. *Revista Mexicana de Psicología*, 22, 243-252

Clump, M. A., Bauer, H., & Bradley, C. (2004). The extent to which psychology students read textbooks: A multiple class analysis of reading across the psychology curriculum. *Journal of Instructional Psychology*, 31 (3), 227-232.

Ehri, L. C., & Wilce, L. (1983). Development of word identification speed in skilled and less skilled beginning readers. *Journal of Educational Psychology*, 75, 3-18.

Elredge, J. L. (2005). Foundations of fluency: An exploration. *Reading Psychology*, 26, 161-181.

Karandashev, V., & McCarthy, S. (2006). Preface [to special issue]. *International Journal of Psychology*, 41 (1), 1-2.

Klappenbach, H. (2004). Psychology in Argentina. In D. Wedding & M. Stevens (Eds.), *Handbook of International Psychology* (pp. 129-150). New York: Brunner-Routledge.

Klappenbach, H. (2006). Periodización de la psicología en Argentina [Periodization of Psychology in Argentina]. *Revista de Historia de la Psicología*, 27 (1), 109-164.

Lunt, I. (2002). A common framework for the training of psychologists in Europe. *European Psychologist*, 7 (3), 180-191.

McCrudden, M. T., Schraw, G. & Hartley, K. (2006). The effect of general relevance instructions on shallow and deeper learning and reading time. *The Journal of Experimental Education*, 74 (4), 293-310.

Peiró, J. M., & Lunt, I. (2002). The context for the European framework for psychologist's training. *European Psychologist*, 7 (3), 169-179.

Perlman, B., & McCann, L. I. (2005). Undergraduate research experiences in psychology: A national study of courses and curricula. *Teaching of Psychology*, 32 (1), 5-14.

Plotkin, M. (2003). Introduction. In M. Plotkin (Ed.), *Argentina on the couch: Psychiatry, state and society, 1880 to the present* (pp. 1-22). Albuquerque, NM: University of New Mexico Press.

Sappington, J., Kinsey, K., & Munsayac, K. (2002). Two studies of reading compliance among college students. *Teaching of Psychology*, 29, 272-274.

Sierra, J. C., & Bermúdez, M. P. (2005). Hacia el título Iberoamericano de Psicología: análisis de los programas docentes de las carreras de psicología en Iberoamérica [Towards Ibero-American degree in Psychology: study on syllabus in undergraduate Psychology Programs]. *Revista Mexicana de Psicología*, 22, 224-242.

Vilanova, A. (1993). La formación de psicólogos en Iberoamérica [Education of psychologists in IberoAmerica]. *Acta Psiquiátrica y Psicológica de América Latina*, 3, 193-205.

Wilpert, B. (2002). Projecting a European diploma in psychology. *European Psychologist*, 7 (3), 221-224.

Ziman, J. (1976). *The force of knowledge. The scientific dimension of society*. New York: Cambridge University Press.

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