



FEDERAL UNIVERSITY OF CEARÁ
Provost Office of Research and Graduate Studies

COURSE PROGRAM

1. PROGRAM:	
Program	GRADUATE PROGRAM IN CHEMISTRY
2. COMPONENT TYPE:	
Activity ()	Course (X) Module ()
3. LEVEL:	
Master's Degree (X)	Doctorate (X)
4. COMPONENT IDENTIFICATION:	
Name:	PHOTOCHEMISTRY
Code:	CEP7711
Hours:	64
Credits:	4
Optional course:	Yes (X) No ()
Compulsory course:	Yes () No (X)
Area:	There are no mandatory concentration areas for the discipline
5. PROFESSOR:	
6. ABSTRACT:	
Electronic Spectroscopy and Excited State Relaxation Processes; Radiative Processes of Excited States (Fluorescence and Phosphorescence); Intramolecular Radiationless Transitions; Intermolecular Photophysical Processes; Experimental Methods in Photochemistry.	
7. COURSE PROGRAM:	
8. EVALUATION PROCESS:	
9. BIBLIOGRAPHY:	
1.LAKOWICZ, Joseph R. <i>Principles of Fluorescence Spectroscopy</i> 3rd edition, Springer, 2006 (Corr. 5th Printing 2010). 2.VALEUR, Bernard; BERBERAN-SANTOS, Mário Nunes <i>Molecular Fluorescence: Principles and Applications</i> 2nd edition, Wiley-VCH Verlag, 2012.	