

Code: QE100								
Name: Concepção e Princípios da Integração entre Ensino, Pesquisa e Extensão								
Name in English: Conception and principles of integration between teaching, research and extension								
Name in Spanish: Concepción y principios de integración entre docencia, investigación y extensión								
Subject type: Every fourteen days								
Approval Type: Concept								
Characteristic: Regular								
Frequency: 75%								
Period Type / Offering period: semestral/odd periods (1st period)								
Requires Final Exam: no								
Vectors								
T	L	P	O	PE	OE	SL	WEEKS	CREDITS
-	-	-	-	1	1	1	15	2
Occurrence on curriculum: 5, 50								
Pre requirement: AA475								
Summary: Concept, principles, and strategies of integration between teaching, research, and extension in undergraduate education. Extension projects in chemistry.								
Program:								
<p>Concept, design, and principles of integration between teaching and extension in undergraduate education. Conception, elaboration, and evaluation of projects that allow formative, inter- and transdisciplinary experiences through practical and direct action, as a mean of interaction between the University and society, aiming for the inseparability between teaching, extension, and research. Introduction to students about the university's three pillars: teaching, research, and extension. Introduction to students about the meaning of extension courses and their objectives. Lectures and visits to companies and institutions where it is possible to establish cooperation projects, of formative nature to the student and with benefits to the external community of the university/institute. Students or groups of students must prepare a proposal for an extension project, which must be presented orally and discussed at the end of the course.</p>								
Basic Bibliography								
1) LUIS, A. M. Química na cabeça: experiências espetaculares pra voce fazer em casa ou na escola. 2.Ed. Belo Horizonte: Ed. UFMG, 2003.126p.								
2) TOSCANO, G. Silva. Extensão universitária e formação cidadã. João Pessoa: Editora da UFPB. 381p. E-book.								
3) CAVALCANTI, F.R.P., SILVEIRA, J.A.N., Fundamentos de gestão de projetos. Rio de Janeiro: Ed. Atlas, 2016. E-book.								
Supplementary Bibliography								
1) TÁSIC, L. (Ed). Química em 50 ensaios. Campinas: Átomo, 2017. 448 p.								
2) Revista Brasileira de Extensão Universitária. Brazilian Journal of University Extension. Universidade Federal da Fronteira Sul. Disponível online: https://periodicos.ufes.edu.br/index.php/RBEU/index								
3) BARBOSA, E., DE MOURA, D.G. Trabalhando com projetos: Planejamento e gestão de projetos educacionais. 4ª edição. Editora Vozes, 2009. 261 p.								
4) MADUREIRA, O.M. Planejamento, execução e gerenciamento: para produtos, processos, serviços e sistemas. 4ª edição. São Paulo, SP: Blucher, 2015. E-book.								
5) HAROLD, R.K, Gerenciamento de projetos: uma abordagem sistêmica para planejamento, programação e controle. São Paulo: Blucher, 2011. 782p.								

