



| I. DATOS DEL PROGRAMA Y LA ASIGNATURA | |
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| NOMBRE DEL PROGRAMA | MAESTRÍA EN CIENCIAS EN EL USO, MANEJO Y PRESERVACIÓN DE LOS RECURSOS NATURALES |
| NOMBRE DE LA ASIGNATURA | Ecotoxicología Ambiental |
| CLAVE | 9210 |

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|--------------------|-------------|--------------------------|----------|-------------------------------------|
| TIPO DE ASIGNATURA | OBLIGATORIA | <input type="checkbox"/> | OPTATIVA | <input checked="" type="checkbox"/> |
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|--------------------|---------|-------------------------------------|----------|--------------------------|------------------|--------------------------|
| TIPO DE ASIGNATURA | TEÓRICA | <input checked="" type="checkbox"/> | PRACTICA | <input type="checkbox"/> | TEÓRICA-PRACTICA | <input type="checkbox"/> |
|--------------------|---------|-------------------------------------|----------|--------------------------|------------------|--------------------------|

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|-------------------------------|-------------|
| NÚMERO DE HORAS | 64 |
| NÚMERO DE CREDITOS | 8 |
| FECHA DE ÚLTIMA ACTUALIZACIÓN | 18/01/2019/ |

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| RESPONSABLE DE LA ASIGNATURA | Méndez Rodríguez Lia Celina |
| PROFESORES PARTICIPANTES | Acosta Vargas Baudilio Gaxiola Robles Ramón |

| I. DESCRIPCIÓN DEL CONTENIDO DEL PROGRAMA DEL CURSO O ASIGNATURA |
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| A) OBJETIVO GENERAL |
| Estudiar aspectos vinculados con la interacción de los contaminantes, el ambiente y los seres vivos. |

| B) DESCRIPCIÓN DEL CONTENIDO | |
|---|----------------|
| TEMAS Y SUBTE | TIEMPO (Horas) |
| Tema 1 Toxicología y contaminación | 2 |
| Tema 2 Absorción, distribución y excreción de sustancias tóxicas | 6 |
| Tema 3 Biotransformación de sustancias tóxicas | 6 |
| Tema 4 Efectos tóxicos | 4 |
| Tema 5 Factores que modifican los efectos tóxicos | 4 |

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| Tema 6 Evaluación Toxicológica | 2 |
| Tema 7 Carcinogénesis Mutagénesis, Teratogénesis | 8 |
| Tema 8 Biomarcadores | 8 |
| Tema 9 Metales | 8 |
| Tema 10 Pesticidas | 6 |
| Tema 11 Hidrocarburos | 6 |
| Tema 12 Bifenilos Policlorados y Otros compuestos orgánicos sintéticos | 4 |
| Total | 64 |

II. BIBLIOGRAFIA

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III. PROCEDIMIENTO O INSTRUMENTOS DE EVALUACIÓN

La evaluación del curso se hará mediante exámenes escritos.

ACTIVIDADES DE APRENDIZAJE

El sistema de aprendizaje se basará en las clases teóricas y en el desarrollo de presentaciones que expondrán en clase, así como la consulta bibliográfica asociada al contenido temático del curso.