

# Cologne Courses in Astrophysics -

| <i>Module No.</i>         |
|---------------------------|
| <i>Category</i>           |
| <i>Credit Points (CP)</i> |
| <i>Semester</i>           |

## Module: Cologne Courses in Astrophysics

*Module Elements:*

| Nr | Course  | Course No.      | CP | Artkurz     | Teaching |          |
|----|---|-----------------|----|-------------|----------|----------|
|    |   |                 |    |             | hours    | Semester |
| 1  | Astrophysics II (MA)                            | Astrophysics II | 8  | Lect. + ex. | 4+1      | WT       |
| 2  | Star Formation (MA)                             | Star Formation  | 3  | Lect. + ex. | 2        | WT       |
| 3  | Galaxy Dynamics (MA)                            | Galaxy Dynamics | 4  | Lect. + ex. | 2+1      | WT       |
| 4  | Active Galactic Nuclei (OA)                     | AGN             | 4  | Lect. + ex. | 2+1      | ST       |
| 5  | Methods of Experimental Astrophysics (OA)       | MethExpAstro    | 4  | Lect. + ex. | 2+1      | ST       |
| 6  | The Fourier-Transform and its Applications (OA) | FTA             | 4  | Lect. + ex. | 2+1      | ST       |

**Requirements:**

**Preparation:**

**Content:**

**Aims/Skills:**

**Form of Testing and Examination:**

**Length of Module:**

**Maximum Number of Participants:**

**Registration Procedure:**

**Note:**