

## COURSE OUTLINE

### 1. Data about the study programme

1.1 Higher education institution	TRANSILVANIA UNIVERSITY OF BRASOV
1.2 Faculty	FURNITURE DESIGN AND WOOD ENGINEERING
1.3 Department	WOOD PROCESSING AND WOOD PRODUCTS DESIGN
1.4 Field of study <sup>1)</sup>	FORESTRY ENGINEERING
1.5 Study level <sup>2)</sup>	MASTER
1.6 Study programme/ Qualification	FURNITURE ECO-DESIGN AND RESTORATION (in English)

### 2. Data about the course

2.1 Name of course	CASUISTRY							
2.2 Course convenor	Lect.dr. Emanuela Carmen BELDEAN							
2.3 Seminar/ laboratory/ project convenor	Lect.dr. Emanuela Carmen BELDEAN							
2.4 Study year	II	2.5 Semester	I	2.6 Evaluation type	C	2.7 Course status	Content <sup>3)</sup>	AC
							Attendance type <sup>4)</sup>	EC

### 3. Total estimated time (hours of teaching activities per semester)

3.1 Number of hours per week	2	out of which: 3.2 lecture	1	3.3 project	1
3.4 Total number of hours in the curriculum	28	out of which: 3.5 lecture	14	3.6 project	14
Time allocation					hours
Study of textbooks, course support, bibliography and notes					14
Additional documentation in libraries, specialized electronic platforms, and field research					10
Preparation of seminars/ laboratories/ projects, homework, papers, portfolios, and essays					20
Tutorial					1
Examinations					2
Other activities.....					
3.7 Total number of hours of student activity	47				
3.8 Total number per semester	75				
3.9 Number of credits <sup>5)</sup>	3				

### 4. Prerequisites (if applicable)

4.1 Curriculum-related	<ul style="list-style-type: none"> <li>Knowledge of restoration principles and the restorer's code of ethics</li> <li>Knowledge of materials other than wood, used in conservation-restoration</li> </ul>
4.2 Competences-related	<ul style="list-style-type: none"> <li>Practical and communication skills</li> <li>Ability to work in a team</li> </ul>

### 5. Conditions (if applicable)

5.1 for course development	<ul style="list-style-type: none"> <li>Room with PC and projector</li> </ul>
5.2 for seminar/ laboratory/ project development	<ul style="list-style-type: none"> <li>Classes are carried out in the restoration laboratory of the university/faculty and in different restoration laboratories/workshops (museums, workshops, other heritage conservation institutions) specialized in conservation - restoration of polychrome wood/wood, leather, metals, textiles, as well as in the field, in open-air museums</li> </ul>

## 6. Specific competences and learning outcomes

Professional competences	<p>Cp. 3 Gathers technical information</p> <p>L.O. 3.2. The graduate identifies the technical principles of conservation-restoration and the provisions of the code of ethics.</p> <p>L.O. 3.3. The graduate knows and identifies investigation methods, materials and conservation-restoration methods appropriate for each conservation-restoration case.</p> <p>L.O. 3.5. The graduate knows and identifies the specific elements that define the cultural goods belonging to the civilization of wood and the components of their heritage value.</p> <p>Cp. 5 Performs tests</p> <p>L.O. 5.3. The graduate knows and applies in conservation-restoration processes appropriately, depending on the case, the original traditional techniques as well as modern testing and testing methods accepted in the field of conservation-restoration.</p> <p>L.O. 5.4. The graduate examines and tests with appropriate scientific means cultural goods, interprets and corroborates the obtained data with historical information in order to decide on the heritage value and the way of intervention.</p> <p>L.O. 5.5. The graduate designs, implements and coordinates conservation-restoration processes based on scientific principles.</p> <p>Cp. 6 Analyzes test data</p> <p>L.O. 6.3. The graduate analyzes and evaluates with appropriate scientific means cultural assets, interprets and corroborates the obtained data with historical information in order to decide on the heritage value and the intervention mode.</p> <p>L.O. 6.5. The graduate is able to collaborate within multidisciplinary teams for the appropriate solution and application of tests.</p>
Transversal competences	<p>Ct. 1 Exercises result-oriented leadership towards colleagues</p> <p>L.O. 1.1. The graduate is able to assume functions of coordinating production, research and design activities.</p> <p>L.O. 1.2. The graduate is able to apply techniques for the coordination of multidisciplinary teams in order to achieve specific objectives.</p> <p>L.O. 1.3. The graduate is able to collaborate in multidisciplinary teams with all its members.</p> <p>Ct. 2 Manages personal professional development</p> <p>L.O. 2.1. The graduate is able to objectively assess his/her professional preparation in relation to the needs of the labor market.</p> <p>L.O. 2.2. The graduate is responsible and adopts a positive attitude towards new and challenging requirements that can be met only through lifelong learning.</p> <p>L.O. 2.3. The graduate is able to identify priority areas for professional development in relation to the practical experience gained as well as in relation to the relationships developed with stakeholders.</p>

## 7. Course objectives (resulting from the specific competences to be acquired)

7.1 General course objective	<p>Through the case studies approached, the discipline allows the master students to have direct contact with the restorer, as well as access to an extremely rich conservation-restoration casuistry, including museum objects made of wood/wood-based, wood and other materials as well as wooden constructions. Applications in the field or in the faculty's restoration laboratory cover both conservation-restoration of objects in a variety of materials as well as physical methods of active conservation.</p>
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7.2 Specific objectives	<ul style="list-style-type: none"> <li>• Knowledge of real restoration cases and how to solve them by combining the work and skills of the curator, scientific investigator, conservator and restorer</li> <li>• Awareness of the complexity of restoration work and of the importance of scientific investigation and research in approaching and solving correctly the restoration cases</li> <li>• Awareness of the need for continuous self development</li> <li>• Documentation, communication and teamwork skills</li> </ul>
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## 8. Conținuturi

8.1 Course	Teaching methods	Number of hours	Remarks
1. History of the National Heritage Restoration Casuistry	Discussions Slide-based lecture Case Studies Interactive debate	2h	
2. Multiculturality represented in Romanian museum collections. Representative conservation-restoration centers and laboratories		2h	
3. Conservation-restoration case studies scientifically disseminated through national and international conferences and workshops		2h	
4. Modern and interactive facilities to access restoration case studies		2h	
5. Casuistry of wooden monuments exposed outdoors		2h	
6. Presentation of case studies on the conservation-restoration of objects made of wood, metal, textiles, leather, ceramics, paper, ceramics, etc., significant for national and international heritage		2h	
7. Guidelines/standards for carrying out restoration-conservation works in accordance with specific legislation		2h	
	<b>Total</b>	<b>14h</b>	

### Bibliography

1. Beldean, E. 2022. *Casuistry*. PPT presentations. In Romanian/English
2. Moldoveanu, A. *Conservarea preventivă a bunurilor culturale*. Ed. CSPC Bucuresti, 2001
3. Olaru V. *Conservation of the ethnographic heritage in the Open Air Museum*, în Revista „Euphorion” 2005.
4. Olaru, V. *Concepția lucrărilor de conservare-restaurare și organizarea Departamentului de conservare-restaurare din C.N.M. "ASTRA", în anul jubiliar 2005*, în Revista „Transilvania” nr. 7-8/2005
5. Bennet, M., 1995. *Discovering and restoring antique furniture*. Wellington House, Londra. Chivu O., Mișu F., Măță, M., Gămălie, G., **Beldean E.C** (2023). Lost and found heritage. Conservation and restoration of a dowry chest from Gorj county. In: ProLigno Journal, Vol. 19 N° 4 2023, pp. 102-111.
6. Mișu, F., Beldean E.C., Chiș D., Vasile B., (2023). Antique Finishes Valorised in Furniture Restoration. In: ProLigno Journal, Vol. 19 N° 4. 2023, pp. 112-121.

7. Reinprecht L. 2016. Diagnosis, sterilisation and restoration of damaged timber structures. Technical University in Zvolen, ISBN 978-80-228-2921-2.

8. Timar, M.C. 2003. *Furniture Restoration* Transilvania University Publishing House. Braşov. In Romanian

\*\* Revista ştiinţifică Brukenthal. Acta Musei XI.4-Restaurare. Sibiu, Editura Muzeului Naţional Brukenthal, 2016, ISSN 1842-2691.

<https://fineart-restoration.co.uk/our-services/ceramic-restoration/professional-leather-restoration/>

[www.muzeulastra.ro](http://www.muzeulastra.ro)

<https://www.iccrom.org/>

<https://www.ecco-eu.org/>

[www.cimec.ro](http://www.cimec.ro). Ghidul muzeelor şi colecţiilor din România, 2006.

[www.librariabizantina.ro/caietele-restaurarii-2014.html](http://www.librariabizantina.ro/caietele-restaurarii-2014.html)

8.2 Project	Teaching-learning methods	Number of hours	Remarks
Visit to museums, restoration-conservation centres, heritage conservation institutes: how they are organized - how they are run, warehouses, laboratories, activities, staff	In field and literature documentation Case studies on objects from museum heritage or private collections	2h	
Case studies from museums/private collections. Documentation in restoration laboratories and study of specialized scientific literature.	(ethnographic wood, polychrome wood/painted furniture, religious objects or polychrome wood structures, textiles, leather, ceramics, metal)	2h	
Restoration-conservation of ethnographic wood, polychrome wood, textiles, leather, ceramics, metal: field case studies, materials and methods, practical demonstrations and literature reviews	Small group activities	4h	
Practical applications in the restoration laboratory of the faculty on the casuistry of objects made of wood, metal, leather, etc.		4h	
Presentation of the case studies worked by the Master's graduates in the restoration laboratory of the faculty		2h	
	<b>Total</b>	<b>14h</b>	

#### Bibliography

1. Beldean E. C (2021) Variety of wood species from Romanian moveable cultural heritage. PROligno, vol 17 nr. 4, 34-39, 2069-7430
2. Beldean E.C, Ursachi A., Pupezescu A. (2022). Conservation-Restoration of Romanian Painted Wooden Hanger from Fagaras County. PROligno, vol 18, nr. 1, 9-14.
3. Moldoveanu , A. *Conservarea preventivă a bunurilor culturale*. Ed. CSPC Bucuresti, 2001
4. Olaru V. *Conservation of the ethnographic heritage in the Open Air Museum*, în Revista „Euphorion” 2005.
5. Olaru, V. *Concepţia lucrărilor de conservare-restaurare şi organizarea Departamentului de conservare-restaurare din C.N.M. "ASTRA"*, în anul jubiliar 2005, în Revista „Transilvania” nr. 7-8/2005
6. Sell, J., Graf, E., ş.a, 1995. *Preservation du bois dans le batiment* – directive EMPA-LIGNUM, publicaţie Lignatec, Zurich.
7. Timar, M.C. 2003. *Furniture Restoration* Transilvania University Publishing House. Braşov. In Romanian

\*\* Revista ştiinţifică Brukenthal. Acta Musei XI.4-Restaurare. Sibiu, Editura Muzeului Naţional Brukenthal, 2016, ISSN 1842-2691.

[www.muzeulastra.ro](http://www.muzeulastra.ro)  
<http://patrimoniu.nipne.ro/>  
<https://www.vam.ac.uk/info/learn>  
<https://www.museialtovicentino.it/en/museum/ethnographic-wood-work-museum/>  
<https://artsupp.com/en/milan/museums/museo-dei-mobili>

**9. Correlation of course content with the demands of the labour market (epistemic communities, professional associations, potential employers in the field of study)**

The discipline is carried out in cooperation with museums in the country (Sibiu, Brasov, Bucharest), Research Institutes, on the basis of partnership agreements. The work carried out together with restorers, conservators and curators is appreciated by the potential employers: museums or other cultural institutions, research institutes involved in heritage conservation.

**10. Evaluation**

Activity type	10.1 Evaluation criteria	10.2 Evaluation Methods	10.3 Percentage of the final grade
10.4 Course	The discipline is carried out in cooperation with museums in the country (Sibiu, Brasov, Bucharest), Research Institutes, on the basis of partnership agreements. The work carried out together with restorers, conservators and curators is appreciated by the potential employers: museums or other cultural institutions, research institutes involved in heritage conservation.	Oral examination	50%
10.5 Project	Presentation of conservation-restoration case studies on wood, metal or textile, leather, ceramics, on objects from museums or private collections (Project presentation)	Project presentation	50%
10.6 Minimal performance standard			
Knowledge of how to approach conservation-restoration case studies on artifacts made of wood or other materials and understanding the importance of cultural heritage			

This course outline was certified in the Department Board meeting on 25/11/2024 and approved in the Faculty Board meeting on 25/11/2024.

<b>Assoc.Prof.dr.ing. Alin OLĂRESCU, Dean</b>	<b>Prof.dr.ing. Mihaela CÂMPEAN, Head of department</b>
<b>Lect. Dr. ing. Emanuela BELDEAN</b>  <b>Course leader</b>	<b>Lect. Dr. ing. Emanuela BELDEAN</b>  <b>Holder of seminar/ laboratory/ project</b>

Note:

- 1) Field of study – select one of the following options: Bachelor / Master / Doctorat (to be filled in according to the forceful classification list for study programmes);
- 2) Study level – choose from among: Bachelor / Master / Doctorat;
- 3) Course status (content) – for the Bachelor level, select one of the following options: FC (fundamental course) / DC (course in the study domain)/ SC (speciality course)/ CC (complementary course); for the Master level, select one of the following options: PC (proficiency course)/ SC (synthesis course)/ AC (advanced course);
- 4) Course status (attendance type) – select one of the following options: CPC (compulsory course)/ EC (elective course)/ NCPC (non-compulsory course);
- 5) One credit is the equivalent of 25 study hours (teaching activities and individual study).